

Attorney Docket No. LUKP:123US  
U.S. Patent Application No. 10/711,823  
Reply to Office Action of November 1, 2005  
Date: February 1, 2006

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended)      A gearbox actuator comprising:

a single selector shaft driven by a drive and arranged in a housing upon which are arranged a shift finger and disengaging shaped elements that operate gearshift rails; and,  
a bearing arrangement operatively arranged to support and guide the gearshift rails.

Claim 2 (original)      The gearbox actuator according to Claim 1, wherein the bearing arrangement is formed by jibs that receive the gearshift rails between them.

Claim 3 (original)      The gearbox actuator according to Claim 2, wherein the housing comprises an attachment part operatively arranged to be attached to a gear housing of a gearbox where said jibs protrude through an opening or recess in the gear housing into the gearbox actuator housing.

Claim 4 (currently amended)      The gearbox actuator according to Claim 2, wherein the attachment part and the jibs ~~have the shape of~~ are manufactured as an injection molded part.

Claim 5 (original)      The gearbox actuator according to Claim 2, wherein there are provided two upper jibs and two lower jibs that are opposite each other with respect to the selector shaft.

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Claim 6 (original)      The gearbox actuator according to Claim 2, wherein two jibs are provided.

Claim 7 (original)      The gearbox actuator according to Claim 2, wherein two jibs at a time are symmetrically opposite each other with respect to the selector shaft.

Claim 8 (original)      The gearbox actuator according to Claim 2, wherein the jibs have guide shoe parts at their ends resting against the gearshift rails.

Claim 9 (original)      The gearbox actuator according to Claim 2, wherein the housing, the bearing arrangement for the selector shaft and the jibs are made as an injection molded part.